

**ROBOTIC APPARATUS FOR TARGETING AND PRODUCING DEEP, FOCUSED  
TRANSCRANIAL MAGNETIC STIMULATION**

5

**ABSTRACT**

Techniques for applying electromagnetic energy to deep, targeted areas without overwhelming other areas are provided. One or more coils are moved relative to a target area 10 and magnetic fields are applied to the target from multiple coil locations. As a result, the aggregate electromagnetic energy applied to the target over time is greater than surrounding areas. Additionally, a model for testing and treatment planning is provided.